Amendments to the Specification:

Please amend the heading before paragraph [0001] as follows:

~~FIELD OF THE INVENTION~~FIELD OF THE INVENTION

Please amend the heading before paragraph [0002] as follows:

~~BACKGROUND OF THE INVENTION~~BACKGROUND OF THE INVENTION

Please amend the heading before paragraph [0015] as follows:

~~SUMMARY OF THE INVENTION~~SUMMARY OF THE INVENTION

Please amend the heading before paragraph [0016] as follows:

~~BRIEF DESCRIPTION OF THE DRAWINGS~~BRIEF DESCRIPTION OF THE DRAWINGS

Please amend the heading before paragraph [0015] as follows:

~~DETAILED DESCRIPTION OF THE INVENTION~~DETAILED DESCRIPTION OF THE INVENTION

Please amend paragraph [0038] as follows:

[0038] Referring next to Fig. 6, another embodiment of tungsten filament manufacturing system 10 is shown and is generally designated as 70. Tungsten filament manufacturing system 70 includes system 10 with microcavity former 22A (Fig. 2) and particle remover 54 positioned downstream after coiling device 32, as shown in Fig. 6. System 70, by way of microcavity former 22A, may form wire 48 having microcavities with particles embedded therein. Wire 48 may then be coiled or wound on a mandrel, as disclosed in U.S. Patent No. 4,291,444 to McCarty et al. Although Fig. 6 shows the particle remover 54 being positioned downstream of the coiling device 32, it is contemplated that it may be positioned upstream of the coiling device 32. In this alternative embodiment, the positions of blocks 54 and 32 would be switched in Figure 6.

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